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## NOTICE OF ALLOWANCE AND FEE(S) DUE

23550 7590 01/07/2009

HOFFMAN WARNICK LLC  
75 STATE STREET  
14TH FLOOR  
ALBANY, NY 12207

EXAMINER

LIN, WEN TAI

ART UNIT

PAPER NUMBER

2454

DATE MAILED: 01/07/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/632,444

07/31/2003

Scott R. Carrier

LOT920030006US1

2867

TITLE OF INVENTION: METHOD, SYSTEM AND PROGRAM PRODUCT FOR AUTOMATICALLY ASSIGNING ELECTRONIC ADDRESSES TO USERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/07/2009

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

### HOW TO REPLY TO THIS NOTICE:

#### I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

23550 7590 01/07/2009

**HOFFMAN WARNICK LLC**  
75 STATE STREET  
14TH FLOOR  
ALBANY, NY 12207

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/632,444 07/31/2003 Scott R. Carrier LOT920030006US1 2867

**TITLE OF INVENTION:** METHOD, SYSTEM AND PROGRAM PRODUCT FOR AUTOMATICALLY ASSIGNING ELECTRONIC ADDRESSES TO USERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1510 \$300 \$0 \$1810 04/07/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
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LIN, WEN TAI 2454 709-200000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

**NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/632,444	07/31/2003	Scott R. Carrier	LOT920030006US1	2867
23550	7590	01/07/2009	EXAMINER	
HOFFMAN WARNICK LLC 75 STATE STREET 14TH FLOOR ALBANY, NY 12207			LIN, WEN TAI	
			ART UNIT	PAPER NUMBER
			2454	
DATE MAILED: 01/07/2009				

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 978 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 978 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/632,444	CARRIER, SCOTT R.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Wen-Tai Lin	2454	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 11/19/08.
2. ☒ The allowed claim(s) is/are 1-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date ____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date ____     | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|  | 9. <input type="checkbox"/> Other ____.   |

### EXAMINER'S AMENDMENT

1. An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for the examiner's amendment was given in a telephone interview with Ms. Elaine Chi, reg. no. 61194, on December 29, 2008.

2. In the claims: please amend the claims to the following:

1. (Currently Amended) A method for using a computer to automatically ~~assigning~~ assign electronic addresses to users, comprising:

providing a sequence of address generation scripts, each address generation script including a unique template that defines a structure for an electronic address;

automatically determining a valid electronic address for assigning to a user by iterating through the sequence of address generation scripts in order of which address generation script is preferred by an organization to which the user belongs, wherein the valid electronic address is determined when one of the address generation scripts produces a previously unused electronic address that is unique and complies with a predetermined addressing standard;

allowing an administrator to enable a process to automatically append at least one character numeric digit to the ~~previously unused electronic address that is at least one of the~~

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~~following: not unique or script-generated electronic address that does not comply with the predetermined addressing standard, wherein appending the at least one character numeric digit creates a valid electronic address; and~~

automatically assigning the valid electronic address to the user,

wherein ~~the valid~~ validation of the electronic address is performed within an address generation system without testing the uniqueness in a network environment. ~~determined without consuming email reception resources of the organization.~~

2. (Original) The method of claim 1, wherein the electronic address is an electronic mailing address.

3. (Previously Presented) The method of claim 1, wherein the one of the address generation scripts that produces the previously unused electronic address using user data is provided from a repository and wherein the sequence of address generation scripts are generated by an administrator.

4. (Original) The method of claim 1, wherein the determining step comprises:  
generating a first electronic address according to a first one of the sequence of address generation scripts; and  
testing the first electronic address to determine if the first address is unique and complies with a predetermined addressing standard.

5. (Original) The method of claim 4, wherein the testing step comprises:  
comparing the first electronic address to a set of previously created electronic addresses to determine if the first address is unique; and  
comparing the first electronic address to the predetermined addressing standard to determine if the first electronic address is compliant.

6. (Original) The method of claim 5, wherein the set of previously created electronic addresses are stored in a repository with user data corresponding to the user.

7. (Original) The method of claim 5, wherein the set of previously created electronic addresses are stored in an electronic address repository.

8. (Currently Amended) A method for using a computer to automatically assigning ~~assign~~ electronic addresses to users, comprising:

providing a sequence of address generation scripts, each address generation script including a unique template that defines a structure for an electronic address;

retrieving user data from a repository, wherein the user data corresponds to a user requiring an electronic address;

automatically generating the electronic address for the user according to the user data and a first one of the sequence of address generation scripts, the first one of the address generation scripts being first in order of preference by an organization to which the user belongs;

automatically determining if the electronic address is valid, wherein the electronic address is valid if the electronic address is unique and complies with a predetermined addressing standard; and

automatically assigning the electronic address to the user if the electronic address is valid, wherein a new electronic address is generated for the user according to a second one of the sequence of electronic address generation scripts if the electronic address is not valid, the second one of the address generation scripts being second in order of preference by the organization to which the user belongs, and wherein if the new electronic address is not valid, an administrator is allowed to enable a process to automatically append at least one character numeric digit to an invalid electronic address the script-generated electronic address that does not comply with the predetermined addressing standard, wherein appending the at least one numeric digit creates to create the valid electronic address,

wherein ~~the valid~~ validation of the electronic address is performed within an address generation system without testing the uniqueness in a network environment ~~determined without consuming email reception resources of the organization.~~

9. (Original) The method of claim 8, further comprising:

generating a new electronic address for the user according to the second one of the sequence of address generation scripts if the electronic address is not valid;

determining if the new electronic address is valid; and

assigning the new electronic address to the user if the new electronic address is valid.



10. (Original) The method of claim 8, wherein the determining step comprises determining if the electronic address is unique by comparing the electronic address to a set of previously created electronic addresses stored in the repository.

11. (Original) The method of claim 8, wherein the determining step comprises determining if the electronic address is unique by checking the electronic address against a set of previously created electronic addresses stored in an electronic address repository.

12. (Original) The method of claim 8, wherein the determining step comprises determining if the electronic address is compliant by comparing the electronic address to the predetermined addressing standard.

13. (Original) The method of claim 8, wherein the electronic address is an electronic mailing address.

14. (Original) The method of claim 8, wherein the sequence of address generation scripts comprises a plurality of address generation scripts.

15. (Currently Amended) A system for automatically assigning electronic addresses to users, comprising:

an address generation system for generating a first electronic address for a user according to a first one of a sequence of address generation scripts, the first one of the address generation

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scripts being first in order of preference by an organization to which the user belongs, each address generation script including a unique template that defines a structure for an electronic address;

a validity system for automatically determining whether the first electronic address is valid, wherein the first electronic address is valid if the first electronic address is unique and complies with a predetermined addressing standard; and

an assignment system for automatically assigning the first electronic address to the user if the first electronic address is valid, wherein a second electronic address is generated by the address generation system according to a next one of the sequence of address generation scripts if the first electronic address is not valid, the next one of the address generation scripts being next in order of preference by the organization to which the user belongs, and wherein if the second electronic address is not valid, an administrator is allowed to enable a process to automatically append at least one character numeric digit to an invalid electronic address to create the script-generated electronic address that does not comply with the predetermined addressing standard, wherein appending the at least one numeric digit creates the valid electronic address,

wherein ~~the valid~~ validation of the electronic address is performed within an address generation system without testing the uniqueness in a network environment ~~determined without consuming email reception resources of the organization.~~

16. (Previously Presented) The system of claim 15, wherein the first and second electronic addresses are electronic mailing addresses.

17. (Original) The system of claim 15, wherein the first electronic address is generated according to user data corresponding to the user and the first one of the sequence of address generation scripts.

18. (Original) The system of claim 15, wherein the validity system comprises:  
a uniqueness detector for comparing the first electronic address to a set of previously created electronic addresses to determine if the first address is unique; and  
a compliance detector for comparing the first electronic address to the predetermined addressing standard to determine if the first electronic address is compliant.

19. (Original) The system of claim 18, wherein the set of previously created electronic addresses are stored in a repository with user data corresponding to the user.

20. (Original) The system of claim 18, wherein the set of previously created electronic addresses are stored in an electronic address repository.

21. (Currently Amended) A ~~recordable~~ computer-readable storage medium having a program product for causing a computer to automatically ~~assigning~~ assign electronic addresses to users, ~~which when executed,~~ said program product comprising comprises:

program code for automatically generating a first electronic address for assigning to a user according to a first one of a sequence of address generation scripts in order of which address

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generation script is preferred by an organization to which the user belongs, each address generation script including a unique template that defines a structure for an electronic address;

program code for automatically determining whether the first electronic address is valid, wherein the first electronic address is valid if the first electronic address is unique and complies with a predetermined addressing standard; and

program code for automatically assigning the first electronic address to the user if the first electronic address is valid, wherein a second electronic address is generated according to a next one of the sequence of address generation scripts if the first electronic address is not valid, and wherein if the second electronic address is not valid, an administrator is allowed to enable a process to automatically append at least one character numeric digit to the script-generated address that does not comply with the predetermined addressing standard, wherein appending the at least one numeric digit creates an invalid electronic address to create the valid electronic address,

wherein ~~the valid~~ validation of the electronic address is performed within an address generation system without testing the uniqueness in a network environment determined without consuming email reception resources of the organization.

22. (Currently Presented) The computer-readable storage medium ~~program product~~ of claim 21, wherein the first and second electronic addresses are electronic mailing addresses.

23. (Currently Presented) The computer-readable storage medium ~~program product~~ of claim 21, wherein the first electronic address is generated according to user data corresponding to the user and the first one of the sequence of address generation scripts.

24. (Currently Presented) The computer-readable storage medium ~~program product~~ of claim 21, wherein the program code for determining whether the first electronic address is valid comprises:

program code for comparing the first electronic address to a set of previously created electronic addresses to determine if the first address is unique; and

program code for comparing the first electronic address to the predetermined addressing standard to determine if the first electronic address is compliant.

25. (Currently Presented) The computer-readable storage medium ~~program product~~ of claim 24, wherein the set of previously created electronic addresses are stored in a repository with user data corresponding to the user.

26. (Currently Presented) The computer-readable storage medium ~~program product~~ of claim 24, wherein the set of previously created electronic addresses are stored in an electronic address repository.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (571)272-3969. The examiner can normally be reached on Monday-Friday (8:00-5:00) .

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571)272-1915. The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

(571)273-8300 for official communications; and

(571)273-3969 for status inquires draft communication.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wen-Tai Lin

December 29, 2008

/Wen-Tai Lin/

Primary Examiner, Art Unit 2454